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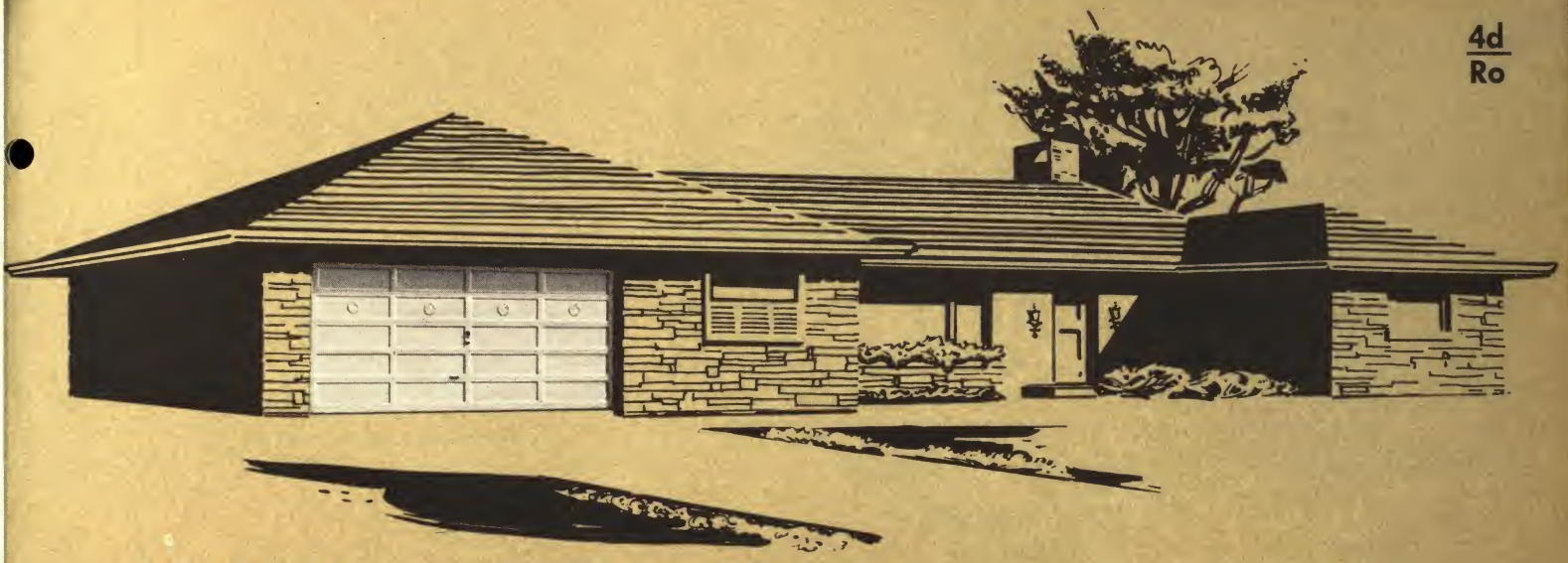


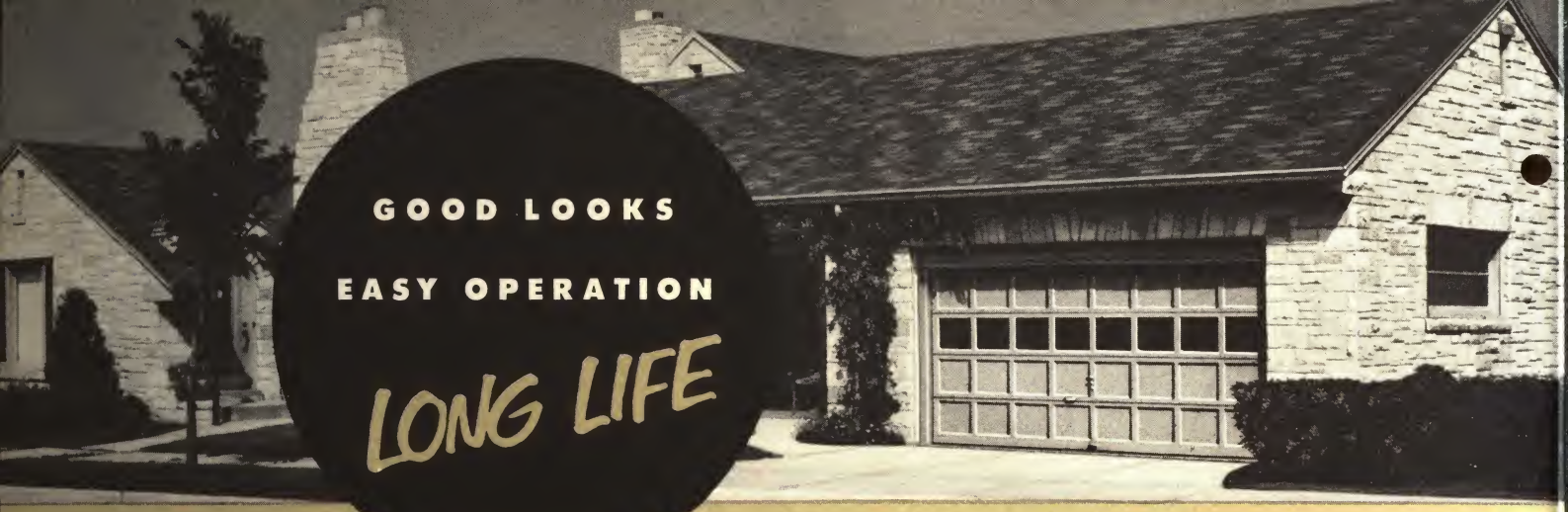
DESIGNED TO PLEASE • BUILT TO SATISFY

RŌ-WAY

RESIDENTIAL GARAGE DOORS

Overhead Type

ROWE MANUFACTURING COMPANY • GALESBURG, ILLINOIS



GOOD LOOKS

EASY OPERATION

LONG LIFE

Take sound design, careful engineering, top quality materials, superb construction . . . and you have the reasons why Ro-Way is America's most wanted door for residential garages.

From every standpoint, Ro-Way doors are *designed to please*. Their clean, uncluttered lines blend with and enhance any style of architecture. Their outstanding features assure smooth, quiet, easy-up, easy-down operation. And every Ro-Way door is built to last—*built to satisfy*—with fine construction details and proud workmanship throughout.

So look to Ro-Way for the finest in residential garage doors.

Features Every Home Owner Wants

COMPLETE LINE. Models and sizes to fit every residential garage requirement, in a wide range of attractive styles.

TAPER-TITE TRACK. For complete, positive protection against the weather. Patented design prevents rollers from rubbing against track sidewalls—reduces friction and noise. See details at right.

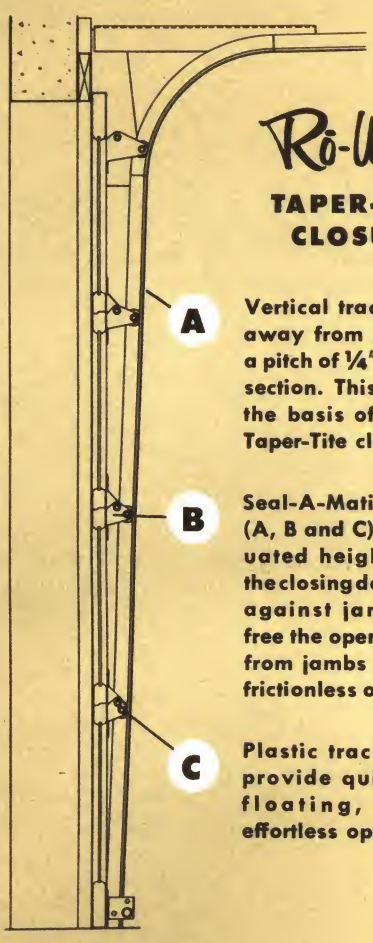
SEAL-A-MATIC HINGES. Graduated to provide perfect opening and closing control.

POWER-METERED SPRINGS. Individually matched to the weight of each door for precise balance. Extension springs mounted below horizontal tracks for easy installation and adjustment. Torsion springs mounted above header, partially concealed.

QUIET, SMOOTH-RUNNING PLASTIC ROLLERS. Standard equipment on 1-car doors. Provide easy, responsive operation. Long-lasting—tests equal to 25 years service show no measurable wear. Steel rollers are standard equipment on 2-car doors—plastic rollers optional. Flexible, preformed cables operate over ball bearing sheave wheels.

DOUBLY-PROTECTED HARDWARE. All Ro-Way hardware is heavy gauge steel, both Parkerized *and* painted—*after fabrication*—for double protection against rust. Even inside edges of holes are doubly protected this way.

QUALITY MILLWORK. Mortise and tenon joints not only glued but *steel* doweled as well. Muntins, rails and stiles are precision squared. Sections are rabbeted to assure weather-tight joints. Millwork is drum sanded for uniformity, with additional hand sanding for real smoothness of finish.



Ro-Way TAPER-TITE CLOSURE

A Vertical tracks taper away from jambs at a pitch of ¼" per door section. This taper is the basis of Ro-Way Taper-Tite closure.

B Seal-A-Matic hinges (A, B and C) of graduated height guide the closing door firmly against jambs, yet free the opening door from jambs for easy, frictionless operation.

C Plastic track rollers provide quiet, full-floating, almost effortless operation.

there's a Ro-Way for every Doorway

STANDARD 4-SECTION RO-WAY DOORS

Extension Springs

Most popular doors in the Ro-Way line, because they blend so well with so many different styles of residential architecture. Embodying all of the fine Ro-Way features described on the opposite page, these standard 4-section doors are available in a wide range of sizes for one and two-car garages.

EXTENSION SPRINGS have proved their dependability in years of up-and-down service. Providing stretch-lift power, Ro-Way tailor-made extension springs are "Power-Metered" to counterbalance the weight of the individual door. Mounted below the horizontal tracks for easy, convenient installation and tension adjustment. When tension is applied, coils separate quietly, without friction. See illustration at right.

THREE U-BAR STIFFENERS (top, middle and bottom) extend full width of all Ro-Way two-car doors 14′ or more in width, for extra strength and rigidity, and longer life.

FROM MILLWORK TO HARDWARE—EVERY INCH A RO-WAY

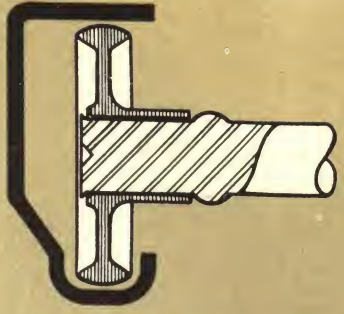
Every Ro-Way door is designed, engineered and completely fabricated in Rowe's own modern plant. Millwork is fashioned by skilled craftsmen using modern production machinery and methods. Hardware, too, is fabricated in our own plant—much of it on special machines designed and built by Rowe. When you specify Ro-Way, you know it's every inch a Ro-Way—not an assembly of parts from various sources.

See Page 7 for sizes and specifications

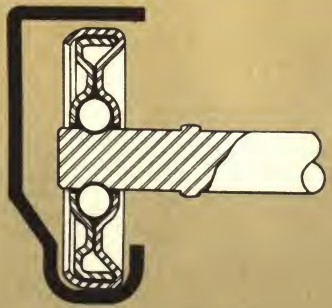
Ro-Way Doors

UNAFFECTED BY WEATHER

- **Can't be blown or banged open or shut.**
- **Operation unaffected by moisture-swollen jambs or millwork.**
- **Easy to close even if floor is raised by frost.**
- **No snow to shovel away—can't freeze shut.**
- **Inside surface never exposed to weather—entire door up and inside when open.**

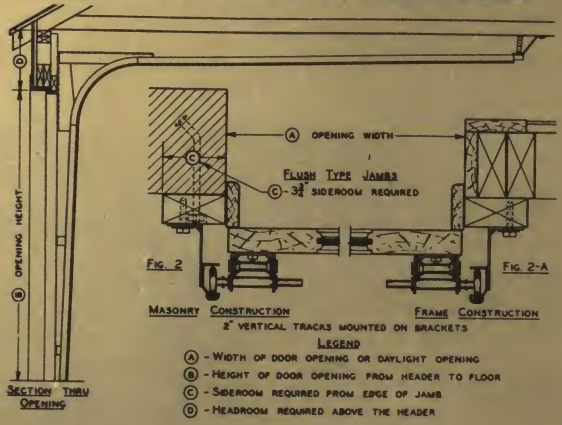


PLASTIC TRACK ROLLERS, **used on all 1-car doors, are exceptionally quiet and long-wearing. Optional equipment on 2-car doors.**



STEEL TRACK ROLLERS, **used on 2-car doors, are made with steel balls and double-thick treads for easy operation and long life.**

STANDARD METHOD FOR PREPARING JAMBS



THE HANDSOME RO-WAY

Classic

Designed especially for ranch style houses

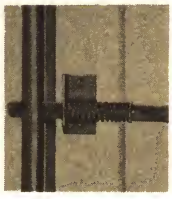
Over the years, the name RO-WAY on overhead type doors has meant advanced design, skilled engineering, fine quality, careful workmanship, top performance. And today's Ro-Way doors are the finest ever.

A good example of this is the increasingly popular Ro-Way *Classic*. Designed especially for ranch type houses, its simple, restrained lines blend harmoniously with this style of architecture. See how the clean-lined horizontal panels accentuate the long, low, ground-hugging lines of the house. Note the impression you get of added size. And see how the *Classic* complements the beauty of the home.

RO-WAY QUALITY THROUGHOUT. Ideal for any 1-floor plan house, the *Classic* is available in the 2-car, 4-panel wide style shown above, and in the 1-car, 2-panel wide style shown below. Both styles incorporate all of the fine Ro-Way features described on Page 2, including extension springs, Taper-Tite track, Seal-A-Matic hinges, and doubly protected hardware. Also available with torsion springs.

See Page 7 for Installation Data and Specifications

there's a Ro-Way for every Doorway



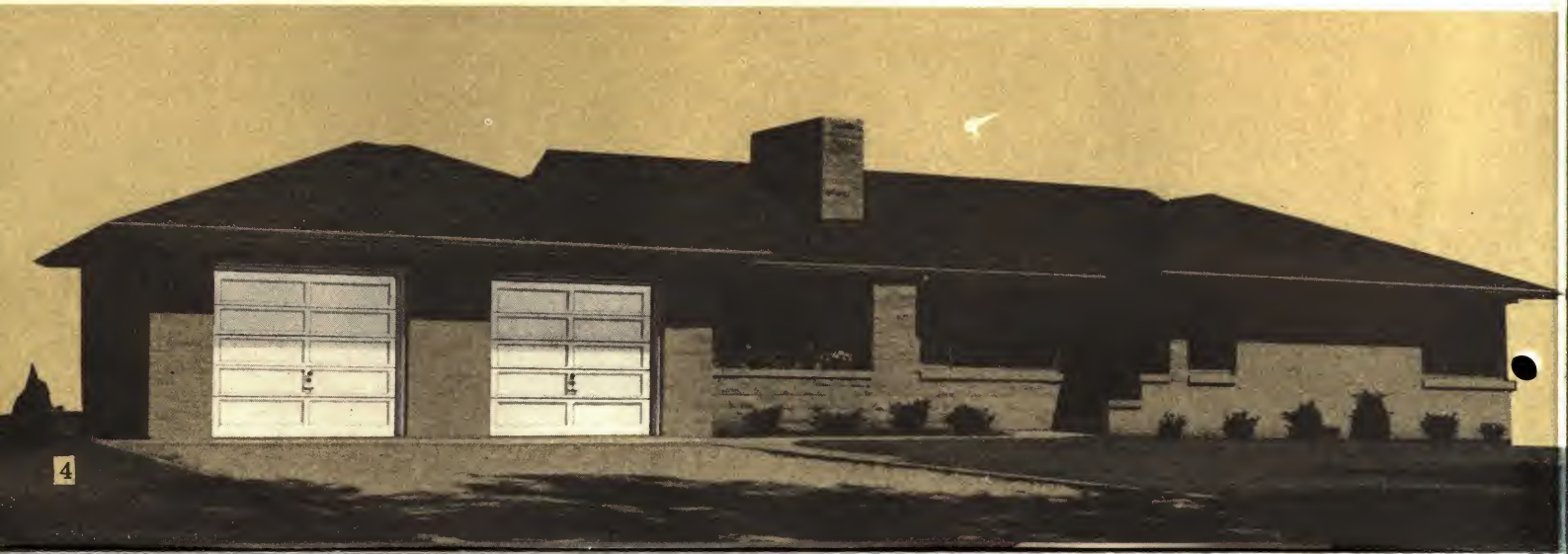
MORE Ro-Way FEATURES

Lock bar enters a slot in each vertical track to lock door securely on both sides.

Lock assembly is built especially for Ro-Way doors. Key-operated from outside, and by thumb latch from inside.

Exterior view shows neat, compact arrangement of lock cylinder plate and lock handle.

Extra heavy, extra long corner bracket permanently joins end stile and bottom rail. Lifting cable is attached to extension of corner bracket—outside of vertical track—to permit convenient installation.



RO-WAY Torsion Spring DOORS

FOR 1- AND 2-CAR GARAGES

Newest addition to the Ro-Way line of residential garage doors—designed especially for low-cost homes, project developments, new and modernized garages, both attached and detached. Quality doors in every respect, yet modestly priced to fit any budget. Feature for feature, dollar for dollar, these Ro-Way doors are outstanding values.

LOW HEADROOM! Big savings in space. Three models require only 6″ headroom—three models only 12⅛″.

TORSION SPRINGS! For smooth, quiet, easy operation. Partially concealed—mounted on full length revolving shaft. Power-Metered to the weight of the door. Single spring on 1-car doors; twin springs on 2-car doors.

PLASTIC ROLLERS! Quietest, longest-lasting rollers available. Tests equivalent to 25 years of service show no measurable wear. Standard equipment on all 1-car doors —optional on 2-car doors. Steel rollers are standard equipment on 2-car doors.

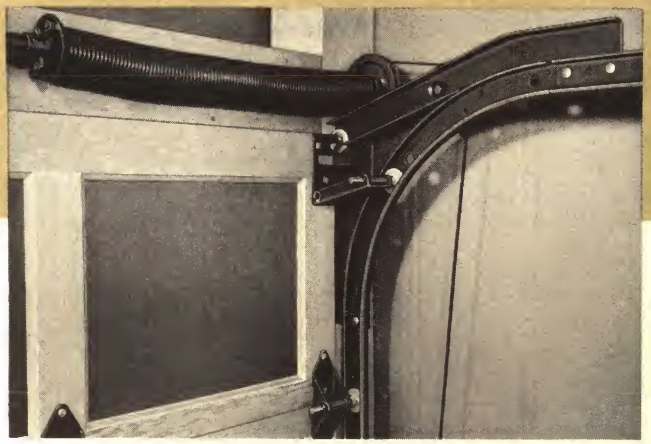
SMART STYLING! Designed to blend with most architectural designs. Models available in 1⅜″ and 1″ thickness. New streamlined contour on panel and glass mold.

QUALITY PANELS! ¼″ fir plywood on 1⅜″ thick doors; 5/16″ Dorlux (Masonite Presdwood) panels on 1″ thick doors.

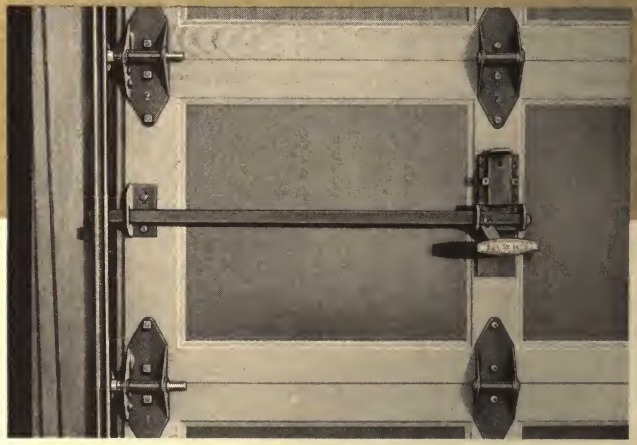
LOW-COST INSTALLATION! Simplicity of design speeds installation time. That cuts installation cost.

RO-WAY CRAFTSMANSHIP! Same fine workmanship as on all Ro-Way doors. Taper-Tite tracks and Seal-A-Matic hinges for weather-tight closure. All hardware Parkerized and painted for maximum rust resistance.

See Page 7 for Installation Data and Specifications



Torsion spring balanced to the weight of the door provides smooth, quiet, twist-lift power for easy operation. Exceptionally low headroom required. Note clean-lined rugged hardware, plastic rollers, quality details throughout.



Locking device may be positioned at either side. Lock bar fits slot in vertical track. Lock assembly, specially built for Ro-Way doors, is key-operated from outside, by thumb latch from inside. Rugged construction in every detail.

there's a Ro-Way for every Doorway

THE LOW HEADROOM

MODEL 21

Rō-WAY DOOR

Only 2½ inches of headroom required

The Secret's in the Patented TWO-WAY SWITCH

A simple two-way switch (photographs above), using a single horizontal track, permits smooth, easy operation of the door.

On closing, track rollers on the three lower sections follow the 15-inch radius curved track to vertical track. Trip-Set finger (A) trips switch trigger (B), closing switch. Top section roller (C) continues along horizontal track until door is sealed against header.

As door is raised, roller (D) opens switch (E), which is held open by trigger (B), permitting other rollers to pass.

Knife-Edge Switch Bearing

Switch will always be free from bearing trouble. Knife-edge bearing is open at the bottom—has no pivot to cause friction, needs no oiling, never becomes greasebound. Trigger (B) has no pivot, no place for dirt to collect. Works free and easy even in salt air areas. Switch and trigger will operate by gravity alone—but for fast, positive action a booster spring (F) has been added.

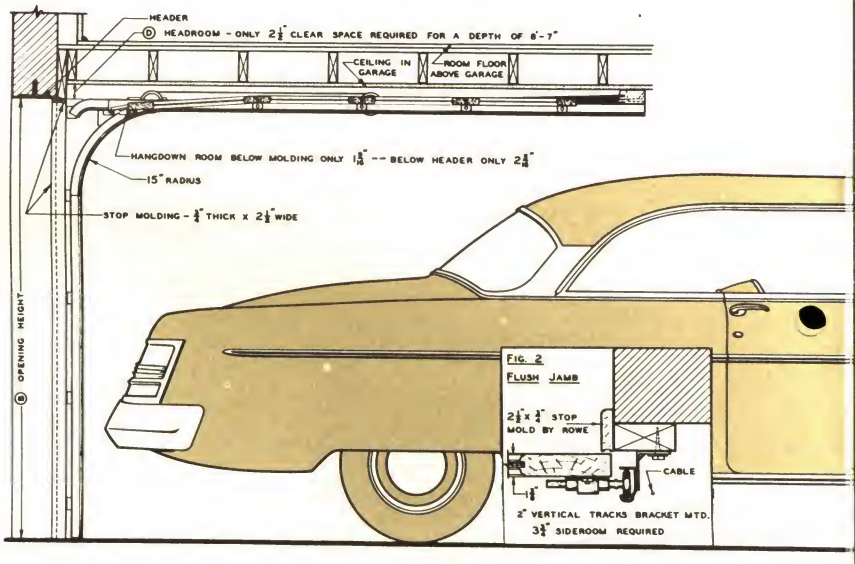
One of the most remarkable overhead type garage doors ever designed—and the only one requiring so little headroom. Actually requires 4 to 12 inches *less* headroom—which means 4 to 12 inches of sidewall can be saved all around on new construction. And *that* saving in materials and labor may be enough to pay for the door!

Top Section Tilts—for garage ventilation. May be tilted back 8 inches while door itself remains closed and locked. Permits gases and fumes to escape, lets hot air out, yet keeps garage safe.

Self-Sealing Top Section—when door is closed, top section is firmly sealed against header. Top track roller fits into curved end of horizontal track and securely holds section in place.

Ro-Way Quality Throughout—all the fine quality construction and performance features described on Page 2.

See Page 7 for Installation Data and Specifications



The Only Overhead Type Door Requiring so Little Headroom

Left: Interior view of the Model 21 Ro-Way door. Note ceiling is only 2½ inches above door opening.

Right: An actual installation of the Model 21 door in a basement garage. Low headroom requirement permits savings in material and labor.

RŌ-WAY

OVERHEAD TYPE DOORS

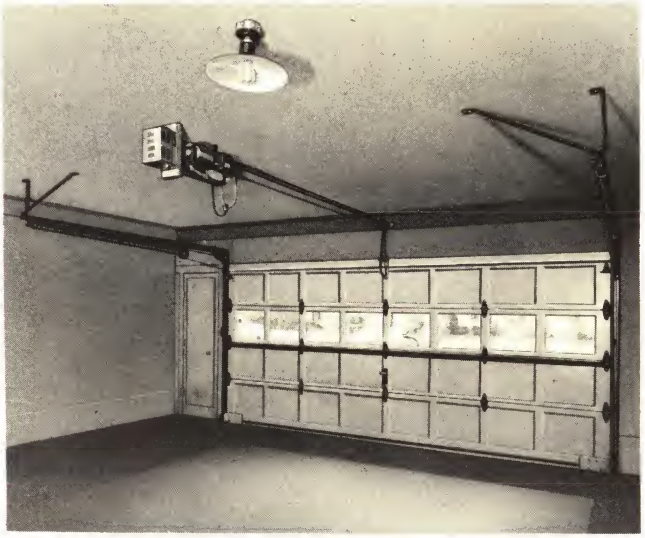
for Residential Garages

Ro-Way doors are available for any size residential garage door opening. Standard sizes can be shipped promptly. Special sizes individually made to fit the opening.

INSTALLATION DATA - DETAILED SPECIFICATIONS

MODEL NO.	TO FIT OPENING SIZE*	SECTIONS HIGH	PANELS WIDE	DOOR THICKNESS	HEADROOM	SPRINGS†
21	8′w x 6′6″ or 7′h & 9′w x 7′h	4	4	1⅜″	2½″	E
241	8′w x 7′h, 9′w x 7′h & 10′w x 7′h	4	4	1⅜″	9½″	E
201	8′w x 7′h, 9′w x 7′h & 10′w x 7′h	4	4	1⅜″	14″	E
341	8′w x 7′h, 9′w x 7′h & 10′w x 7′h	4	6	1⅜″	9½″	E
301	8′w x 7′h, 9′w x 7′h & 10′w x 7′h	4	6	1⅜″	14″	E
541	15′w x 7′h & 16′w x 7′h	4	8	1⅜″	10¼″	E
501	15′w x 7′h & 16′w x 7′h	4	8	1⅜″	14″	E
641	15′w x 7′h & 16′w x 7′h	4	8	1¾″	11¼″	E
601	15′w x 7′h & 16′w x 7′h	4	8	1¾″	15″	E
342**	8′w x 7′h & 9′w x 7′h	5	2	1⅜″	9½″	E
302**	8′w x 7′h & 9′w x 7′h	5	2	1⅜″	14″	E
542**	15′w x 7′h & 16′w x 7′h	5	4	1⅜″	10¼″	E
502**	15′w x 7′h & 16′w x 7′h	5	4	1⅜″	14″	E
642**	15′w x 7′h & 16′w x 7′h	5	4	1¾″	11¼″	E
602**	15′w x 7′h & 16′w x 7′h	5	4	1¾″	15″	E
151-3S	8′w x 6′6″ or 7′h & 9′w x 7′h	4	3	1″	6″	T
111-3S	8′w x 6′6″ or 7′h & 9′w x 7′h	4	3	1″	12⅛″	T
251-3S	8′w x 6′6″ or 7′h & 9′w x 7′h	4	3	1⅜″	6″	T
211-3S	8′w x 6′6″ or 7′h & 9′w x 7′h	4	3	1⅜″	12⅛″	T
551-3S	15′w x 7′h & 16′w x 7′h	4	4	1⅜″	6½″	T
511-3S	15′w x 7′h & 16′w x 7′h	4	4	1⅜″	12⅛″	T
441	8′w x 7′h & 8′w x 8′h	4	6	1¾″	10½″	E
401	8′w x 7′h & 8′w x 8′h	4	6	1¾″	15″	E

NOTE: Sideroom required, 3¾″ for all models.
*Special size doors, also available to fit openings not shown.
**"Classic" model, 5-section doors.
†E-extension springs; T-torsion springs.



Interior view, showing clean, compact arrangement of extension springs, track, mounting, etc. Note especially how sides are free of obstructions.

GLASS OPENING. On 4-section 7′ high doors, next to top section (#3) is regularly left open for glass; 6′ 6″ high doors have top section (#4) open. On 5-section *Classic* doors, next to top section (#4) is regularly left open. If requested, other sections may be left open, or all sections closed with panels. Doors may be glazed at extra cost.

GENERAL SPECIFICATIONS

All Residential Doors

Ro-Way door sections, track and hardware are made to fit opening sizes. MILLWORK—stiles and rails are 1″, 1⅜″ or 1¾″ thick Douglas Fir. Panels are ¼″ thick Fir plywood, except on 1″ thick doors, which have 3/16″ Dorlux panels (Masonite Presdwood). HARDWARE—sheaves, track and curved sections are made from 13- and 14-gauge steel. Track rollers are plastic on one-car doors; steel on two-car doors. Hinges, corner brackets and locking equipment are specially designed for extra strength, longer service. Cylinder lock for key operation included. Specifications subject to change.

ARCHITECTS' SPECIFICATIONS

Overhead Type Doors shall be Model—(See chart above) Ro-Way Overhead Type as manufactured by Rowe Manufacturing Company, Galesburg, Illinois. Door sections to have mortise and tenon glued joints. All tracks shall embody TAPER-TITE Closure and SEAL-A-MATIC Hinges. All sheaves to be ball bearing. Track rollers to be plastic or steel. Locking equipment shall consist of ¾″ steel bars extending through slot in vertical track—lock bars shall be key operated from exterior and by thumb latch from interior. All steel parts to be made rust-resisting by Parkerizing process and finished with metallic paint.

there's a Rō-Way for every Doorway

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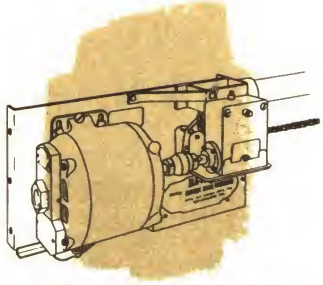

RO-WAY MOTOR OPERATORS

For truly convenient, effortless operation, motor controls and electronic remote control are available for all Ro-Way doors. Send for descriptive folder, which gives full details.

COMMERCIAL DOORS. A complete line of heavy duty doors for commercial and industrial buildings is available. Request special folder.

NATIONWIDE SALES AND SERVICE

Ro-Way door distributors are located in all principal cities, where they provide expert consulting, sales and installation service. See the yellow pages of your telephone directory for the distributor nearest you, or write direct to Rowe Manufacturing Company, Galesburg, Illinois.

Rō-Way
OVERHEAD TYPE DOORS

ROWE MANUFACTURING COMPANY

Galesburg, Illinois • *Since 1908*

Form No. D-388 8-54

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